



## SAFETY DATA SHEET

# PERMASEAL

Infosafe No.: LQ3CQ  
ISSUED Date : 09/05/2019  
ISSUED by: UNISEAL MANUFACTURING

## 1. IDENTIFICATION

### GHS Product Identifier

PERMASEAL

### Company Name

UNISEAL MANUFACTURING (ABN 26 935 350 623)

### Address

17 Ryelane Street Maddington  
WA 6109 Australia

### Telephone/Fax Number

Tel: 1300 577 719  
Fax: 1300 366 353

### Emergency phone number

+61 8 9452 0477

### E-mail Address

uniseal@sealingservices.com.au

### Recommended use of the chemical and restrictions on use

Sealer for concrete, masonry, fibro-cement, Colorbond and Galv.  
Application by spray, roller or brush on porous substrates.

## 2. HAZARD IDENTIFICATION

### GHS classification of the substance/mixture

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Information on Composition

Acrylic resin dispersed in water.

### Ingredients

Name	CAS	Proportion
Ingredients determined not to be hazardous, including water.		100 %



## **SAFETY DATA SHEET**

### **4. FIRST-AID MEASURES**

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#### **Inhalation**

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

#### **Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

#### **Skin**

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

#### **Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

#### **First Aid Facilities**

Eye wash and normal washroom facilities.

#### **Advice to Doctor**

Treat symptomatically.

### **5. FIRE-FIGHTING MEASURES**

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#### **Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

#### **Hazards from Combustion Products**

Non combustible material. Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases.

#### **Specific Hazards Arising From The Chemical**

This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

#### **Decomposition Temperature**

Not available

#### **Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

### **6. ACCIDENTAL RELEASE MEASURES**

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#### **Emergency Procedures**

Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.



## **SAFETY DATA SHEET**

### **7. HANDLING AND STORAGE**

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#### **Precautions for Safe Handling**

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

#### **Conditions for safe storage, including any incompatibilities**

Protect from freezing. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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#### **Occupational exposure limit values**

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

#### **Biological Limit Values**

No biological limits allocated.

#### **Appropriate Engineering Controls**

Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

#### **Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

#### **Eye Protection**

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

#### **Hand Protection**

Wear gloves of impervious material such as rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

#### **Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.



## SAFETY DATA SHEET

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Liquid
Colour	Clear	Odour	Natural
Decomposition Temperature	Not available	Melting Point	Not available
Boiling Point	100°C	Solubility in Water	Miscible
Specific Gravity	Not available	pH	7 - 9
Vapour Pressure	Not available	Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Viscosity	Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity
Partition Coefficient: n-octanol/water	Not available	Density	1.00 - 1.05 kg/L
Flash Point	Not applicable	Flammability	Non-flammable
Auto-Ignition Temperature	Not available	Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable	Explosion Properties	Not available
Oxidising Properties	Not available	Kinematic Viscosity	Not available
Dynamic Viscosity	Not available		

### 10. STABILITY AND REACTIVITY

#### Reactivity

Refer to Section 10: Possibility of hazardous reactions.

#### Chemical Stability

Stable under normal conditions of storage and handling.

#### Conditions to Avoid

Extremes of temperature and direct sunlight.

#### Incompatible materials

Not available

#### Hazardous Decomposition Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases.

#### Possibility of hazardous reactions

Not available

#### Hazardous Polymerization

Will not occur.



## **SAFETY DATA SHEET**

### **11. TOXICOLOGICAL INFORMATION**

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#### **Toxicology Information**

No toxicity data available for this material.

#### **Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

#### **Inhalation**

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

#### **Skin**

May be irritating to skin. The symptoms may include redness, itching and swelling.

#### **Eye**

May be irritating to eyes. The symptoms may include redness, itching and tearing.

#### **Respiratory sensitisation**

Not expected to be a respiratory sensitiser.

#### **Skin Sensitisation**

Not expected to be a skin sensitiser.

#### **Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

#### **Carcinogenicity**

Not considered to be a carcinogenic hazard.

#### **Reproductive Toxicity**

Not considered to be toxic to reproduction.

#### **STOT-single exposure**

Not considered to cause toxicity to a specific target organ.

#### **STOT-repeated exposure**

Not considered to cause toxicity to a specific target organ.

#### **Aspiration Hazard**

Not expected to be an aspiration hazard.

### **12. ECOLOGICAL INFORMATION**

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#### **Ecotoxicity**

No ecological data available for this material.

#### **Persistence and degradability**

Not available

#### **Mobility**

Not available

#### **Bioaccumulative Potential**

Not available

#### **Other Adverse Effects**

Not available



## **SAFETY DATA SHEET**

### **Environmental Protection**

Prevent this material entering waterways, drains and sewers.

## **13. DISPOSAL CONSIDERATIONS**

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### **Disposal considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

## **14. TRANSPORT INFORMATION**

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### **Transport Information**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### **U.N. Number**

None Allocated

### **UN proper shipping name**

None Allocated

### **Transport hazard class(es)**

None Allocated

### **IMDG Marine pollutant**

No

### **Transport in Bulk**

Not available

### **Special Precautions for User**

Not available

## **15. REGULATORY INFORMATION**

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### **Regulatory information**

Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### **Poisons Schedule**

Not Scheduled



## **SAFETY DATA SHEET**

### **16. OTHER INFORMATION**

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#### **Date of preparation or last revision of SDS**

SDS Reviewed: May 2019

Supersedes: June 2014

#### **References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of Classification and Labelling of Chemicals.

### **END OF SDS**

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